

GP-301954

BLIND RIVET WITH EXTENDED ADHESIVE RESERVOIR**ABSTRACT OF THE DISCLOSURE**

This invention provides a design of an adhesive encapsulated blind rivet for joining an assembly of overlying parts having an accessible side and an inaccessible side. The rivet comprises a rivet head and tubular rivet body. A mandrel is inserted through the open end of the tubular rivet body and through a mandrel hole in the rivet head. A mandrel head engages the end of the tubular body. The tubular body is filled with a mass of latent adhesive around the mandrel. The rivet body is longer than the thickness of the parts to be joined to accommodate a substantial amount of adhesive for expulsion through holes in the rivet body located within the thickness of the assembled parts. The portion of the rivet body extending beyond the blind side of the assembled parts is weakened in a pattern of corrugations or other bands for folding of the end of the tubular body in setting the blind side of the rivet and expelling the larger quantity of adhesive against and between the riveted parts.